

El Paso County Births and Deaths 2014

Selected birth characteristics: County residents, 2014.....	2
Selected birth characteristics by age group of mother: County residents, 2014....	3
Selected birth characteristics by race/ethnicity of mother: County residents, 2014	4
Selected birth characteristics by area-based poverty status of mother's residence: County residents,2014	5
Live births and fertility rates by age group of mother: County residents, 2014.....	6
Vital statistics summary: County residents, 2004, 2010-2014.....	7
Deaths, crude death rates and age-adjusted death rates from selected causes: County residents, 2014.....	9
Deaths and age-specific death rates from selected causes: County residents, 2014.....	10
Deaths from selected causes by race/ethnicity: County residents, 2014	11
Deaths from selected causes by area-based poverty status of decedent's residence: County residents, 2014	12
Deaths and age-specific death rates: County residents, 2014	13
Notes Regarding Colorado Revised Certificate of Live Birth	14
Notes Regarding Colorado Area-Based Poverty Estimates	15

For more information about these tables, please contact the Vital Statistics Program at the Colorado Department of Public Health and Environment by telephone at **(303) 692-2160** or by email at cdphe.healthstatistics@state.co.us.

Selected birth characteristics: El Paso County residents, 2014

Characteristic	Number	Percent
Total Live Births	9,375	100.0
Age of Mother		
10-17	123	1.3
18-19	405	4.3
20-29	5,426	57.9
30+	3,418	36.5
Low Weight Births (<2,500 Grams)	846	9.0
Very Low Weight Births (<1,500 Grams)	110	1.2
Prenatal Care Later than 1st Trimester/No Care	1,844	20.5
No Prenatal Care	59	0.7
Preterm Births (<37 Weeks)	829	8.8
Education of Mother <High School Diploma/GED	853	9.1
Live Births to Unmarried Women	2,167	23.1
Smoking During Pregnancy	554	5.9

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. See "Notes Regarding Colorado Revised Certificate of Live Birth" at end of report for details.

** indicates one or two events in the category.*

Sums may not add to total due to cases with age of mother unknown.

Percentages are of total births, excluding cases with specific characteristics unknown.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Selected birth characteristics by age group of mother: El Paso County residents, 2014

Characteristic	All Ages		10-17		18-19		20-29		30+	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	9,375	100.0	123	100.0	405	100.0	5,426	100.0	3,418	100.0
Race/Ethnicity of Mother										
White, Non-Hispanic	6,152	65.7	47	38.2	199	49.1	3,488	64.3	2,415	70.8
White, Hispanic	1,526	16.3	43	35.0	99	24.4	943	17.4	441	12.9
Black	797	8.5	17	13.8	51	12.6	503	9.3	226	6.6
Asian American/Pacific Islander	432	4.6	*	*	14	3.5	213	3.9	203	6.0
American Indian/Native Alaskan	103	1.1	*	*	6	1.5	63	1.2	33	1.0
Other	352	3.8	13	10.6	36	8.9	211	3.9	92	2.7
Unknown	13		0	0.0	0	0.0	5		8	
Low Weight Births (<2,500 Grams)	846	9.0	11	8.9	38	9.4	484	8.9	313	9.2
Very Low Weight Births (<1,500 Grams)	110	1.2	*	*	3	0.7	63	1.2	42	1.2
Prenatal Care Later than 1st Trimester/No Care	1,844	20.5	43	37.4	151	38.9	1,183	22.7	467	14.3
No Prenatal Care	59	0.7	*	*	5	1.3	34	0.7	19	0.6
Preterm Births (<37 Weeks)	829	8.8	9	7.3	32	7.9	487	9.0	301	8.8
Education of Mother <High School Diploma/GED	853	9.1	111	90.2	115	28.5	446	8.2	181	5.3
Live Births to Unmarried Women	2,167	23.1	112	91.1	252	62.2	1,338	24.7	465	13.6
Smoking During Pregnancy	554	5.9	7	5.7	25	6.2	361	6.7	160	4.7

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. See "Notes Regarding Colorado Revised Certificate of Live Birth" at end of report for details.

** indicates one or two events in the category.*

Sums may not add to total due to cases with age of mother unknown.

Percentages are of total births, excluding cases with specific characteristics unknown.

Percentage not computed for cells shaded in light gray.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Selected birth characteristics by race/ethnicity of mother: El Paso County residents, 2014

Characteristic	White Non-Hispanic		White Hispanic		Black		Asian American/Pacific Islander		American Indian/Native Alaskan	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	6,152	100.0	1,526	100.0	797	100.0	432	100.0	103	100.0
Age of Mother										
10-17	47	0.8	43	2.8	17	2.1	*	*	*	*
18-19	199	3.2	99	6.5	51	6.4	14	3.2	6	5.8
20-29	3,488	56.7	943	61.8	503	63.1	213	49.3	63	61.2
30+	2,415	39.3	441	28.9	226	28.4	203	47.0	33	32.0
Low Weight Births (<2,500 Grams)	524	8.5	126	8.3	100	12.5	53	12.3	13	12.6
Very Low Weight Births (<1,500 Grams)	68	1.1	17	1.1	18	2.3	*	*	*	*
Prenatal Care Later than 1st Trimester/No Care	1,079	18.3	335	22.9	202	26.2	93	22.4	32	33.0
No Prenatal Care	33	0.6	12	0.8	9	1.2	*	*	*	*
Preterm Births (<37 Weeks)	505	8.2	130	8.5	87	10.9	52	12.0	13	12.6
Education of Mother <High School Diploma/GED	320	5.2	290	19.1	78	9.8	29	6.7	8	7.8
Live Births to Unmarried Women	1,087	17.7	515	33.7	323	40.5	71	16.4	32	31.1
Smoking During Pregnancy	406	6.6	57	3.7	57	7.2	15	3.5	10	9.7

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. See "Notes Regarding Colorado Revised Certificate of Live Birth" at end of report for details.

** indicates one or two events in the category.*

Sums may not add to total due to cases with age or race/ethnicity of mother unknown. Percentages are of total births, excluding cases with specific characteristics unknown.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Selected birth characteristics by area-based poverty status of mother's residence: El Paso County residents, 2014

Characteristic	<10%		10-19.9%		20-29.9%		30%+		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Total Live Births	4,086	100.0	2,766	100.0	1,647	100.0	608	100.0	268	100.0
Race/Ethnicity of Mother										
White, Non-Hispanic	2,987	73.1	1,852	67.1	862	52.4	261	42.9	190	72.0
White, Hispanic	539	13.2	455	16.5	333	20.2	175	28.8	24	9.1
Black	230	5.6	201	7.3	252	15.3	93	15.3	21	8.0
Asian American/Pacific Islander	236	5.8	119	4.3	45	2.7	14	2.3	18	6.8
American Indian/Native Alaskan	31	0.8	38	1.4	20	1.2	11	1.8	3	1.1
Other	61	1.5	96	3.5	133	8.1	54	8.9	8	3.0
Unknown	*	*	5		*	*	0	0.0	4	
Low Weight Births (<2,500 Grams)	331	8.1	257	9.3	164	10.0	63	10.4	31	11.6
Very Low Weight Births (<1,500 Grams)	44	1.1	37	1.3	22	1.3	7	1.2	0	0.0
Prenatal Care Later than 1st Trimester/No Care	678	17.4	540	20.3	411	25.8	160	27.1	55	22.1
No Prenatal Care	13	0.3	22	0.8	17	1.1	7	1.2	0	0.0
Preterm Births (<37 Weeks)	321	7.9	271	9.8	142	8.6	61	10.0	34	12.7
Education of Mother <High School Diploma/GED	172	4.2	290	10.5	247	15.1	136	22.4	8	3.0
Live Births to Unmarried Women	675	16.5	755	27.3	486	29.5	223	36.7	28	10.4
Smoking During Pregnancy	126	3.1	208	7.5	147	8.9	60	9.9	13	4.9

Area-based poverty status represents the percentage of population in the census tract of maternal residence living at or below the federal poverty level, based on the 2013 5-Year American Community Survey. Census tracts of maternal residence were determined by linking the maternal residence address at the time of infant birth to its respective census tract as defined by the 2010 U.S. census-designated boundaries. See "Notes Regarding Colorado Area-Based Poverty Estimates" at end of report for details.

"Education of Mother," "Births to Unmarried Women," and "Smoking During Pregnancy" are among items collected starting in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. See "Notes Regarding Colorado Revised Certificate of Live Birth" at end of report for details.

** indicates one or two events in the category.*

Sums may not add to total due to cases with age of mother unknown.

Percentages are of total births, excluding cases with specific characteristics unknown.

Percentage not computed for cells shaded in light gray.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Live births and fertility rates with 95% confidence limits by age group of mother: El Paso County residents, 2014

Age Group	Births	Population	Fertility Rate	Lower Limit	Upper Limit
All Ages	9,375	135,364	69.3	67.9	70.6
Teen Age Groups					
13-14	3	9,939	0.3	0.1	0.7
15-17	120	13,349	9.0	7.4	10.6
18-19	405	9,318	43.5	39.3	47.7
10-17	123	37,889	3.2	2.7	3.8
10-19	528	47,207	11.2	10.2	12.1
All Age Groups					
10-14	3	24,540	0.1	0.0	0.3
15-19	525	22,667	23.2	21.2	25.1
20-24	2,403	23,897	100.6	96.7	104.4
25-29	3,023	24,831	121.7	117.7	125.8
30-34	2,218	23,462	94.5	90.8	98.3
35-39	985	20,178	48.8	45.8	51.8
40-49	215	41,291	5.2	4.5	5.9

** indicates one or two events in the category.*

Sums may not add to total due to cases with age of mother unknown.

Rates are live births per 1,000 female population in each age group.

Lower and upper limits represent the 95% confidence interval of the fertility rate.

Population data for 'all ages' are females ages 15-44.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Vital statistics summary: El Paso County residents, 2004, 2010-2014

	2004	2010	2011	2012	2013	2014	2010-2014 Annual Average
Total Population	558,455	627,238	638,095	647,282	657,103	665,070	646,958
Total Births							
Number	8,134	9,187	9,148	9,125	9,134	9,375	9,194
Birth Rate	14.6	14.6	14.3	14.1	13.9	14.1	14.2
General Fertility Rate	66.7	71.1	70.0	69.1	68.2	69.3	69.5
Age of Mother 10-17							
Number	241	201	160	146	140	123	154
Percent of Total Births	3.0	2.2	1.7	1.6	1.5	1.3	1.7
Fertility Rate	7.3	5.7	4.4	4.0	3.8	3.2	4.2
Low Weight Births (<2,500 Grams)							
Number	810	859	883	881	892	846	872
Percent	10.0	9.4	9.7	9.7	9.8	9.0	9.5
Prenatal Care Later Than 1st Trimester/No Care							
Number	1,746	1,873	1,762	1,636	1,669	1,844	1,757
Percent	21.5	20.8	19.7	18.4	19.0	20.5	19.7
Births to Unmarried Women							
Number	2,146	2,163	2,201	2,119	2,075	2,167	2,145
Percent	26.4	23.5	24.1	23.2	22.7	23.1	23.3
Mother's Education <12 Years							
Number	1,289	1,130	1,045	924	837	853	958
Percent	15.9	12.4	11.5	10.2	9.2	9.1	10.5
Infant Deaths							
Number	70	64	61	48	46	39	52
Rate	8.6	7.0	6.7	5.3	5.0	4.2	5.6
Neonatal Deaths							
Number	42	44	38	29	27	30	34
Rate	5.2	4.8	4.2	3.2	3.0	3.2	3.7
Total Deaths							
Number	3,164	3,531	3,770	3,780	4,072	4,056	3,842
Crude Rate	566.6	562.9	590.8	584.0	619.7	609.9	593.8
Age-Adjusted Rate	749.0	668.7	688.1	662.0	687.2	663.4	673.6
Cardiovascular Disease							
Number	909	936	964	963	1,055	1,055	995
Age-Adjusted Rate	226.8	182.4	181.0	174.4	181.8	175.5	178.9
Heart Disease							
Number	613	664	691	693	766	776	718

(Continued)

HIGHLIGHTED ROWS: Denotes data items collected starting in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. Due to this incomparability, comparisons of values from 2007-forward to pre-2007 values should be made with caution. See "Notes Regarding Colorado Revised Certificate of Live Birth" at end of report for details.

* indicates one or two events in the category.

Birth rates are per 1,000 total population. General fertility rates are births per 1,000 females ages 15-44.

Fertility rates for mothers ages 10-17 are births per 1,000 females of this age group.

Infant and neonatal mortality rates are per 1,000 live births. Other death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U.S. population using the direct method applied to 10-year age groups.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Vital statistics summary: El Paso County residents, 2004, 2010-2014

	2004	2010	2011	2012	2013	2014	2010-2014 Annual Average
Age-Adjusted Rate	150.9	127.4	128.8	124.8	130.5	127.6	127.8
Cerebrovascular Disease							
Number	226	188	191	194	206	213	198
Age-Adjusted Rate	57.5	38.0	36.9	35.9	36.6	37.2	36.9
Malignant Neoplasms							
Number	712	775	814	861	851	829	826
Age-Adjusted Rate	163.3	142.1	145.9	146.3	139.5	131.8	140.9
Lung Cancer							
Number	184	198	187	203	183	191	192
Age-Adjusted Rate	43.5	36.3	33.3	34.6	30.0	30.3	32.8
Breast Cancer							
Number	73	55	54	62	68	63	60
Age-Adjusted Rate	15.7	9.9	9.4	10.2	10.8	9.7	10.0
Total Unintentional Injuries							
Number	163	290	281	280	299	295	289
Age-Adjusted Rate	31.2	52.2	47.3	46.3	48.5	47.1	48.1
Motor Vehicle							
Number	67	59	57	40	81	70	61
Age-Adjusted Rate	11.7	9.9	8.8	6.3	12.3	11.1	9.7
Other Unintentional Injuries							
Number	96	231	224	240	218	225	228
Age-Adjusted Rate	19.5	42.3	38.5	40.0	36.2	36.0	38.4
Chronic Lower Respiratory Diseases							
Number	230	224	235	224	274	278	247
Age-Adjusted Rate	57.6	44.3	45.1	41.1	47.8	47.3	45.2
Suicide							
Number	121	111	112	151	150	145	134
Age-Adjusted Rate	22.2	17.8	17.5	23.0	22.1	22.2	20.6
Homicide and Legal Intervention							
Number	23	28	35	30	42	25	32
Age-Adjusted Rate	4.0	4.4	5.4	4.5	6.4	3.9	4.9
Work-Related Injury							
Number	7	10	3	6	7	5	6
Age-Adjusted Rate	1.3	1.5	0.6	1.0	1.1	0.8	1.0

HIGHLIGHTED ROWS: Denotes data items collected starting in 2007, using the revised birth certificate, that are not directly comparable to data collected before 2007. Due to this incomparability, comparisons of values from 2007-forward to pre-2007 values should be made with caution. See "Notes Regarding Colorado Revised Certificate of Live Birth" at end of report for details.

* indicates one or two events in the category.

Birth rates are per 1,000 total population. General fertility rates are births per 1,000 females ages 15-44.

Fertility rates for mothers ages 10-17 are births per 1,000 females of this age group.

Infant and neonatal mortality rates are per 1,000 live births. Other death rates are per 100,000 population.

Age-adjusted rates are adjusted to the 2000 U.S. population using the direct method applied to 10-year age groups.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

**Deaths, crude death rates and age-adjusted death rates with 95% confidence limits from selected causes:
El Paso County residents, 2014**

Cause of Death	N	Crude Rate	Age-Adjusted Rate	Lower Limit	Upper Limit
All Causes	4,056	609.9	663.4	643.2	683.5
Cardiovascular Disease	1,055	158.6	175.5	164.8	186.1
Heart Disease	776	116.7	127.6	118.5	136.6
Cerebrovascular Disease	213	32.0	37.2	32.2	42.2
Atherosclerosis	3	0.5	0.5	0.1	1.1
Malignant Neoplasms	829	124.6	131.8	122.7	140.9
Lung Cancer	191	28.7	30.3	25.9	34.7
Breast Cancer	63	9.5	9.7	7.2	12.1
Chronic Lower Respiratory Diseases	278	41.8	47.3	41.7	52.9
Unintentional Injuries	295	44.4	47.1	41.6	52.5
Motor Vehicle	70	10.5	11.1	8.4	13.7
Other Unintentional Injuries	224	33.7	35.9	31.1	40.7
Pneumonia and Influenza	64	9.6	10.5	7.9	13.1
Suicide	145	21.8	22.2	18.5	25.8
Diabetes Mellitus	96	14.4	15.4	12.2	18.5
HIV Infection	5	0.8	0.8	0.3	1.6
Chronic Liver Disease and Cirrhosis	94	14.1	13.8	11.0	16.7
Alzheimer's Disease	106	15.9	18.9	15.3	22.5
Nephritis, Nephrosis, Nephrotic Syndrome	41	6.2	6.7	4.6	8.8
Homicide and Legal Intervention	25	3.8	3.9	2.3	5.4
Septicemia	47	7.1	7.5	5.3	9.7
Congenital Anomalies	22	3.3	3.2	1.8	4.5
Perinatal Period Conditions	17	2.6	2.5	1.3	3.7
All Other	937	140.9	156.3	146.3	166.4
Injury by Firearm	93	14.0	14.0	11.1	16.9
Drug-Induced Deaths	135	20.3	20.3	16.8	23.8
Alcohol-Induced Deaths	101	15.2	14.8	11.9	17.8
Work-Related Injury (Y/N Check Death Certificate)	5	0.8	0.8	0.2	1.8

** indicates one or two events in the category.*

Rates are deaths per 100,000 population.

Crude death rates are calculated without age-adjustment.

Age-adjusted rates are adjusted to the 2000 U.S. standard population using the direct method applied to 10-year age groups.

Age-adjusted rates provide a better basis for comparison among different geographical areas or time periods.

Lower and upper limits represent the 95% confidence interval of the age-adjusted rate.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Deaths and age-specific death rates from selected causes: El Paso County residents, 2014

Cause of Death	<1		1-14		15-24		25-44		45-64		65+	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
All Causes	39	4.2	22	0.2	81	0.8	289	1.6	861	5.2	2,764	35.8
Cardiovascular Disease	0	0.0	*	*	*	*	35	0.2	201	1.2	816	10.6
Heart Disease	0	0.0	*	*	*	*	27	0.2	167	1.0	580	7.5
Cerebrovascular Disease	0	0.0	*	*	0	0.0	8	0.0	17	0.1	187	2.4
Atherosclerosis	0	0.0	0	0.0	0	0.0	0	0.0	*	*	*	*
Malignant Neoplasms	0	0.0	0	0.0	5	0.0	25	0.1	231	1.4	568	7.4
Lung Cancer	0	0.0	0	0.0	0	0.0	*	*	49	0.3	141	1.8
Breast Cancer	0	0.0	0	0.0	0	0.0	5	0.0	24	0.1	34	0.4
Chronic Lower Respiratory Diseases	0	0.0	0	0.0	0	0.0	*	*	38	0.2	238	3.1
Unintentional Injuries	3	0.3	*	*	28	0.3	77	0.4	76	0.5	109	1.4
Motor Vehicle	0	0.0	*	*	14	0.1	27	0.2	14	0.1	13	0.2
Other Unintentional Injuries	3	0.3	0	0.0	14	0.1	50	0.3	62	0.4	96	1.2
Pneumonia and Influenza	0	0.0	*	*	0	0.0	5	0.0	14	0.1	44	0.6
Suicide	0	0.0	3	0.0	31	0.3	54	0.3	42	0.3	15	0.2
Diabetes Mellitus	0	0.0	*	*	*	*	7	0.0	26	0.2	61	0.8
HIV Infection	0	0.0	0	0.0	0	0.0	*	*	4	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	0	0.0	0	0.0	0	0.0	21	0.1	45	0.3	28	0.4
Alzheimer's Disease	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	106	1.4
Nephritis, Nephrosis, Nephrotic Syndrome	0	0.0	0	0.0	0	0.0	0	0.0	9	0.1	32	0.4
Homicide and Legal Intervention	0	0.0	*	*	6	0.1	15	0.1	*	*	*	*
Septicemia	0	0.0	0	0.0	0	0.0	3	0.0	13	0.1	31	0.4
Congenital Anomalies	11	1.2	3	0.0	0	0.0	3	0.0	5	0.0	0	0.0
Perinatal Period Conditions	17	1.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Other	8	0.9	9	0.1	9	0.1	41	0.2	155	0.9	715	9.3
Injury by Firearm	0	0.0	*	*	26	0.3	35	0.2	19	0.1	12	0.2
Drug-Induced Deaths	*	*	0	0.0	12	0.1	57	0.3	60	0.4	5	0.1
Alcohol-Induced Deaths	0	0.0	0	0.0	0	0.0	25	0.1	52	0.3	24	0.3
Work-Related Injury (Y/N Check Death Certificate)	0	0.0	0	0.0	0	0.0	*	*	0	0.0	3	0.0

** indicates one or two events in the category.
 Infant (<1 year) mortality rates are per 1,000 live births.
 Other rates are deaths per 1,000 population of the age group.*

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Deaths from selected causes by race/ethnicity: El Paso County residents, 2014

Cause of Death	All Races		White Non-Hispanic		White Hispanic		Black		Asian American/Pacific Islander		American Indian/Native Alaskan	
	N	%	N	%	N	%	N	%	N	%	N	%
Total	4,056	100.0	3,418	100.0	271	100.0	202	100.0	84	100.0	31	100.0
Cardiovascular Disease	1,055	26.0	907	26.5	59	21.8	52	25.7	28	33.3	9	29.0
Heart Disease	776	19.1	682	20.0	36	13.3	34	16.8	18	21.4	6	19.4
Cerebrovascular Disease	213	5.3	172	5.0	17	6.3	14	6.9	9	10.7	*	*
Atherosclerosis	3	0.1	*	*	*	*	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	829	20.4	718	21.0	50	18.5	36	17.8	18	21.4	6	19.4
Lung Cancer	191	4.7	169	4.9	9	3.3	8	4.0	4	4.8	*	*
Breast Cancer	63	1.6	53	1.6	6	2.2	3	1.5	*	*	0	0.0
Chronic Lower Respiratory Disease	278	6.9	259	7.6	9	3.3	3	1.5	5	6.0	*	*
Unintentional Injuries	295	7.3	243	7.1	28	10.3	14	6.9	8	9.5	*	*
Motor Vehicle	70	1.7	54	1.6	13	4.8	3	1.5	0	0.0	0	0.0
Other Unintentional Injuries	225	5.5	189	5.5	15	5.5	11	5.4	8	9.5	*	*
Pneumonia and Influenza	64	1.6	55	1.6	6	2.2	*	*	*	*	0	0.0
Suicide	145	3.6	126	3.7	10	3.7	6	3.0	*	*	0	0.0
Diabetes Mellitus	96	2.4	79	2.3	8	3.0	7	3.5	*	*	*	*
HIV Infection	5	0.1	3	0.1	*	*	*	*	0	0.0	0	0.0
Chronic Liver Disease and Cirrhosis	94	2.3	76	2.2	15	5.5	0	0.0	*	*	*	*
Alzheimer's Disease	106	2.6	91	2.7	6	2.2	6	3.0	3	3.6	0	0.0
Nephritis, Nephrosis, Nephrotic Syndrome	41	1.0	35	1.0	4	1.5	*	*	0	0.0	0	0.0
Homicide and Legal Intervention	25	0.6	11	0.3	6	2.2	7	3.5	0	0.0	*	*
Septicemia	47	1.2	40	1.2	3	1.1	4	2.0	0	0.0	0	0.0
Congenital Anomalies	22	0.5	16	0.5	3	1.1	3	1.5	0	0.0	0	0.0
Perinatal Period Conditions	17	0.4	11	0.3	*	*	*	*	*	*	0	0.0
All Other	937	23.1	748	21.9	61	22.5	57	28.2	14	16.7	9	29.0
Injury by Firearm	93	2.3	73	2.1	10	3.7	7	3.5	*	*	*	*
Drug-Induced Deaths	135	3.3	110	3.2	10	3.7	10	5.0	3	3.6	*	*
Alcohol-Induced Deaths	101	2.5	84	2.5	14	5.2	3	1.5	0	0.0	0	0.0
Work-Related Injury (Y/N Check Death Certificate)	5	0.1	4	0.1	*	*	0	0.0	0	0.0	0	0.0

* indicates one or two events in the category.
Percentages are of total deaths of each race/ethnicity category.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Deaths from selected causes by area-based poverty status of decedent's residence: El Paso County residents, 2014

Cause of Death	<10%		10-19.9%		20-29.9%		30%+		Unknown	
	N	%	N	%	N	%	N	%	N	%
Total	1,566	100.0	1,403	100.0	853	100.0	170	100.0	64	100.0
Cardiovascular Disease	401	25.6	357	25.4	235	27.5	47	27.6	15	23.4
Heart Disease	290	18.5	269	19.2	167	19.6	38	22.4	12	18.8
Cerebrovascular Disease	86	5.5	67	4.8	51	6.0	7	4.1	*	*
Atherosclerosis	0	0.0	3	0.2	0	0.0	0	0.0	0	0.0
Malignant Neoplasms	360	23.0	289	20.6	145	17.0	25	14.7	10	15.6
Lung Cancer	80	5.1	67	4.8	32	3.8	7	4.1	5	7.8
Breast Cancer	29	1.9	22	1.6	9	1.1	3	1.8	0	0.0
Chronic Lower Respiratory Disease	83	5.3	107	7.6	73	8.6	12	7.1	3	4.7
Unintentional Injuries	107	6.8	111	7.9	57	6.7	15	8.8	5	7.8
Motor Vehicle	23	1.5	26	1.9	15	1.8	5	2.9	*	*
Other Unintentional Injuries	84	5.4	85	6.1	42	4.9	10	5.9	4	6.3
Pneumonia and Influenza	22	1.4	20	1.4	16	1.9	4	2.4	*	*
Suicide	61	3.9	46	3.3	28	3.3	10	5.9	0	0.0
Diabetes Mellitus	28	1.8	39	2.8	23	2.7	4	2.4	*	*
HIV Infection	0	0.0	3	0.2	*	*	0	0.0	*	*
Chronic Liver Disease and Cirrhosis	27	1.7	44	3.1	14	1.6	7	4.1	*	*
Alzheimer's Disease	44	2.8	31	2.2	25	2.9	4	2.4	*	*
Nephritis, Nephrosis, Nephrotic Syndrome	15	1.0	19	1.4	6	0.7	0	0.0	*	*
Homicide and Legal Intervention	*	*	10	0.7	7	0.8	5	2.9	*	*
Septicemia	19	1.2	11	0.8	14	1.6	3	1.8	0	0.0
Congenital Anomalies	8	0.5	7	0.5	5	0.6	*	*	*	*
Perinatal Period Conditions	9	0.6	4	0.3	4	0.5	0	0.0	0	0.0
All Other	380	24.3	305	21.7	200	23.4	33	19.4	19	29.7
Injury by Firearm	38	2.4	30	2.1	16	1.9	9	5.3	0	0.0
Drug-Induced Deaths	43	2.7	55	3.9	26	3.0	8	4.7	3	4.7
Alcohol-Induced Deaths	28	1.8	39	2.8	22	2.6	10	5.9	*	*
Work-Related Injury (Y/N Check Death Certificate)	4	0.3	*	*	0	0.0	0	0.0	0	0.0

Area-based poverty status represents the percentage of population in the census tract of decedent's residence living at or below the federal poverty level, based on the 2013 5-Year American Community Survey. Census tracts of decedent residence were determined by linking the decedent residence address at the time of death to its respective census tract as defined by the 2010 U.S. census-designated boundaries. See "Notes Regarding Colorado Area-Based Poverty Estimates" at end of report for details.

** indicates one or two events in the category.*

Percentages are of total deaths of each race/ethnicity category.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Deaths and age-specific death rates: El Paso County residents, 2014

Age Group	Deaths	Population	Age-Specific Death Rate
All Ages	4,056	665,070	6.1
Infant	39	9,375	4.2
Neonatal	30	9,375	3.2
1-4	8	37,225	0.2
5-9	5	47,375	0.1
10-14	9	48,472	0.2
15-19	30	48,262	0.6
20-24	51	54,053	0.9
25-29	62	48,755	1.3
30-34	66	46,214	1.4
35-39	68	40,683	1.7
40-44	93	40,543	2.3
45-49	110	41,355	2.7
50-54	184	47,830	3.8
55-59	258	43,273	6.0
60-64	309	34,592	8.9
65-69	333	27,473	12.1
70-74	350	18,537	18.9
75-79	393	12,860	30.6
80-84	527	9,368	56.3
85+	1,161	8,952	129.7
1-14	22	133,072	0.2
15-24	81	102,315	0.8
25-64	1,150	343,244	3.4
65+	2,764	77,190	35.8

* indicates one or two events in the category.

Infant death is death in the first year of life. Neonatal death is death occurring prior to the 28th day of life.

Infant and neonatal mortality rates are per 1,000 live births. Other death rates are per 1,000 population of the age group. Population figures for infant and neonatal groups are live births.

Source: Vital Statistics Program, Colorado Department of Public Health and Environment.

Notes Regarding Colorado's Revised Certificate of Live Birth

These tables contain Colorado birth data that were collected using the 1989 Revision of the U.S. Standard Certificate of Live Birth (unrevised) and the 2003 Revision of the U.S. Standard Certificate of Live Birth (revised)^{1,2,3}. Colorado's birth registration system used the unrevised certificate for births through calendar year 2006; while births in 2007 through the present were registered using the revised certificate. Among the differences in the revised birth certificate are changes to the following data items:

- Mother's and father's race, captures multiple race identification instead of single race identification
- Mother's and father's education, captures highest degree attained instead of total years of education
- Mother's marital status at time of birth, captures never married, married, widowed, separated, and divorced instead of just married or unmarried
- Cigarette smoking before and during pregnancy, captures levels of smoking in each trimester instead of just smoking any time during pregnancy

And the addition of the following data items:

- Method of delivery includes fetal presentation and trial of labor prior to cesarean delivery
- Pre-pregnancy weight, weight at delivery and height, used to calculate Body Mass Index
- Congenital anomalies, certain conditions have been added or removed
- Fertility therapy
- Did mother get WIC food for herself during this pregnancy
- Infections during pregnancy
- Maternal morbidity
- Breast feeding
- Principal source of payment for the delivery

Data items noted above that were collected using both the unrevised certificate and the revised certificate are not directly comparable. Analyses of birth data for time periods that include both revised and unrevised data should be performed with caution.

To facilitate analyses of births by race, the multiple race identification in revised certificates has been bridged back to a single race using a system developed by the National Center for Health Statistics at the Centers for Disease Control and Prevention⁴. *Please note*, however, that there has been an increase in the number of births reported with "other" or "unknown" maternal and paternal race and/or Hispanic ethnicity beginning in 2007 compared to previous years. This is likely attributable to the change to the revised certificate.

The Health Statistics and Evaluation Branch at the Colorado Department of Public Health and Environment is available to assist with further analyses of these data, as well as to answer questions one might have regarding the revised certificate and the affected data items. For further information or assistance, please contact the Health Statistics and Evaluation Branch at **(303) 692-2160** or by e-mail at cdphe.healthstatistics@state.co.us.

References:

- ¹ National Center for Health Statistics. 2003 revision of the U.S. Standard Certificate of Live Birth. 2003. Available from: http://www.cdc.gov/nchs/vital_certs_rev.htm.
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- ⁴ NCHS Procedures for Multiple-Race and Hispanic Origin Data: Collection, Coding, Editing, and Transmitting. Division of Vital Statistics, National Center for Health Statistics, Centers for Disease Control and Prevention, May 7, 2004. Available from: http://www.cdc.gov/nchs/data/dvs/Multiple_race_docu_5-10-04.pdf.

Notes Regarding Colorado's Area-Based Poverty Estimates

Poverty continues to be an important factor that increases the risk of adverse birth outcomes, disease, and mortality across all ages. The relationships between poverty and such outcomes are unsurprising given the socioeconomic differences in health behaviors, familial and other risk factors, access to appropriate prenatal and preventive health care and treatment for illness and disease. Consequently, considering poverty when exploring changes in the health status of Colorado's communities and the persistence of health disparities by poverty status are increasingly important^{1,2,3}.

These summary tables now contain counts and proportions of births and deaths by area-based poverty status of place of residence. *Area-based poverty status represents the percentage of the population in the census tract of residence living at or below the federal poverty level.*

Place of residence is based on the maternal self-reported residence address at the time of an infant's birth for birth statistics, and the residence address of decedent at the time of death, collected from next of kin, for death statistics. Census tracts of residence are determined by linking these addresses to their respective census tracts as defined by the 2010 U.S. Census-designated boundaries. The percentage of the population in a census tract living at or below the federal poverty level of census tracts is ascertained from the most current 5-Year American Community Survey estimates made available by the U.S. Census Bureau.

Colorado consists of 1,249 unique census tracts, which are formal sub-county geographic areas defined by the U.S. Census Bureau, confined by county boundaries, and typically represent between 1,200 and 8,000 people. Counties with large populations, such as in the state's large metropolitan areas, contain many census tracts; while counties with smaller populations, such as in the state's rural and mountain regions, may have only a couple of census tracts⁴.

Area-based poverty status is measured by calculating the percent of the population in each census tract that is living at or below the federal poverty level. Whether one is living at or below the federal poverty level is determined using a set of money income thresholds that vary by family size, age and composition⁵. Categories used for these reports include 0-9.9%, 10-19.9%, 20-29.9% and 30% of the population or greater living at or below the federal poverty level.

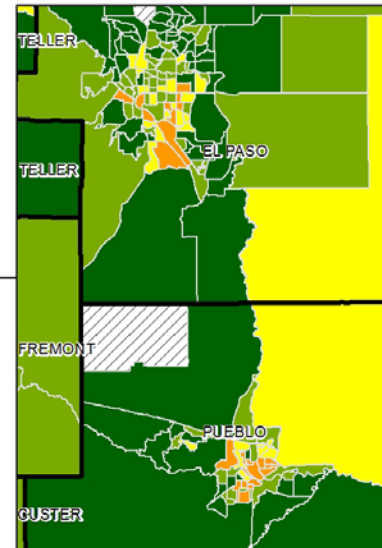
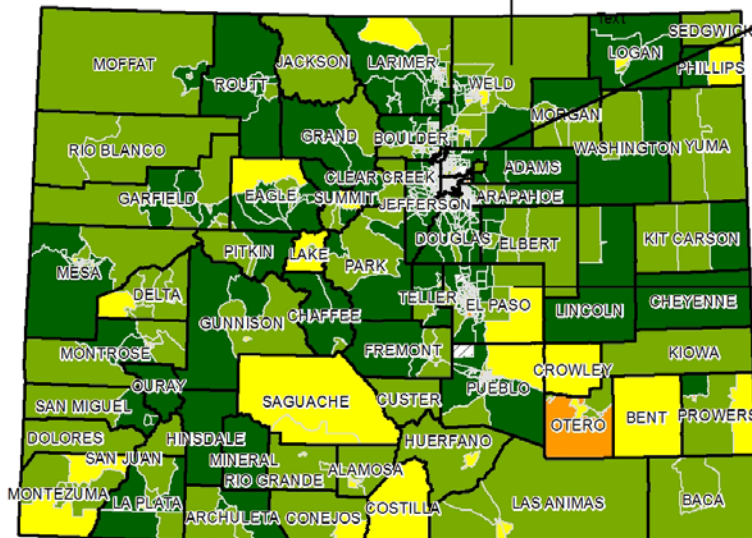
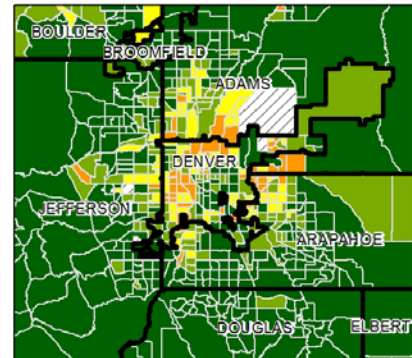
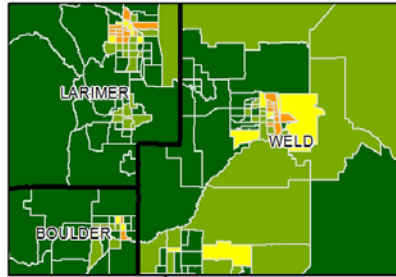
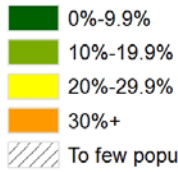
The map on the following page depicts census tract boundaries for Colorado and its largest metropolitan areas and each census tract's poverty status. Note that for some less populous counties with few census tracts, a single area-based poverty status category may represent most or all of the county.

The Health Statistics and Evaluation Branch at the Colorado Department of Public Health and Environment is available to assist with further analyses of these data, as well as to answer questions one might have regarding these novel vital statistics measures. For further information or assistance, please contact the Health Statistics and Evaluation Branch at **(303) 692-2160** or by e-mail at cdphe.healthstatistics@state.co.us.

References:

- ¹ Krieger N, Chen JT, Ebel G. *Can we monitor socioeconomic inequalities in health? A survey of U.S. health departments' data collection and reporting practices.* Public Health Reports. 1997 Nov-Dec; 112(6):481-91.
- ² Subramanian SV, Chen JT, Rehkopf DH, Waterman PD, Krieger N. *Comparing individual- and area-based socioeconomic measures for the surveillance of health disparities: A multilevel analysis of Massachusetts births, 1989-1991.* American Journal of Epidemiology. 2006 Nov 1; 164(9): 823-834.
- ³ Colorado Comprehensive Cancer Program. *Cancer & Poverty in Colorado: 1995-2006.* Denver, CO: Colorado Department of Public Health and Environment. Available from: <http://www.colorado.gov/cs/Satellite/CDPHE-PSD/CBON/1251635536890#>
- ⁴ *Geographic Terms and Concepts – Census Tract.* United States Census Bureau. Available from: www.census.gov/geo/reference/gtc/gtc_ct.html
- ⁵ *How the Census Bureau Measures Poverty.* United States Census Bureau. Available from: <https://www.census.gov/hhes/www/poverty/about/overview/measure.html>

**Area-based poverty status by Colorado census tracts:
Percent of population living at or below federal poverty level**



Source: 2008-2012 5-Year American Community Survey, U.S. Census Bureau